



**NASRA COLLEGE OF ARTS AND SCIENCE, TIRURKAD**

Affiliated to

University of Calicut (Order No.GAI/G2/8634/2011)

## **DEGRADABLE AND BIODEGRADABLE WASTE MANAGEMENT POLICY**



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### **DEGRADABLE AND NON-DEGRADABLE WASTE MANAGEMENT POLICY**

The Degradable and Non-Degradable Waste Management Policy aims to reduce waste generation by promoting responsible practices such as repair, reuse, and recycling. Emphasizing cost-effectiveness, the policy discourages indiscriminate waste disposal. It outlines distinct roles and responsibilities, ensuring a coordinated approach to every facet of waste management. The primary goal is to address waste at its source, fostering a culture that prioritizes sustainable alternatives over the simple disposal of materials.

By encouraging practices that promote the degradation of waste materials and discourage non-degradable waste, the policy aligns with environmental stewardship. Implementation involves establishing clear guidelines for waste management activities, making it easier to track progress and hold stakeholders accountable.

This comprehensive approach underscores a commitment to environmental sustainability, emphasizing the importance of minimizing the ecological footprint associated with waste. Through strategic planning and adherence to the policy's principles, the organization aims to contribute positively to waste reduction efforts and promote a circular economy.

### **SOLID WASTE MANAGEMENT**

Nasra College of Arts and Science actively engages in initiatives for environmental preservation, notably declaring its campus a plastic-free zone. This prohibition extends to all faculty and students, reinforcing the commitment to sustainability. Each department now features waste bins to facilitate the segregation of solid waste generated by teachers. Addressing the issue of single-use pens, a pen booth offers an eco-friendly alternative, encouraging the responsible disposal and subsequent repurposing of used pens.

The college consistently manages canteen waste through regular collection and disposal into a biogas plant, aligning with eco-friendly practices. Dedicated NSS volunteers oversee cleanliness, while specific staff members focus on maintaining overall neatness. The introduction of color-coded

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waste bins—Green, Yellow, and Blue—facilitates efficient waste separation, contributing to the campus's cleanliness.

A notable thing is the installation of a Biogas plant, reflecting the institution's dedication to becoming pollutant-free. Nasra College's comprehensive approach to solid waste management underscores its commitment to environmental stewardship and sets a positive example for sustainable practices within educational institutions.

### **LIQUID MANAGEMENT WASTE**

Effective waste management poses a significant challenge, with liquid waste management standing out as a particularly intricate aspect. This process involves strategically preventing the release of pollutants into watercourses. The approach hinges on the meticulous collection and responsible disposal of hazardous liquid substances, requiring a systematic channeling of waste.

A key facet of liquid waste management involves directing toilet water into sanitary sewage tanks. Simultaneously, other wastewater generated in kitchens is diverted into a communal sewage system. This dual-pronged strategy serves to contain and control the potential environmental impact of liquid waste. By segregating and managing liquid waste at its source, the system aims to mitigate the contamination risk posed to water bodies.

In essence, liquid waste management necessitates a proactive and organized approach. It seeks to curtail the adverse effects of improper disposal by implementing measures that align with environmental preservation. Through this method, the intricate challenge of liquid waste management is addressed, contributing to the broader goal of sustainable and responsible waste handling.

### **E-WASTE MANAGEMENT**

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The college has taken steps to manage e-waste emitted from computer labs. Through a contractual agreement with scrap dealers, the disposal and scrapping of unused monitors and other computer devices are regulated. This initiative contributes to controlling e-waste emissions. Additionally, students are educated on the importance and proper methods of disposing of e-waste. This awareness campaign aims to instill a sense of responsibility among students regarding the environmental impact of electronic waste.

By implementing these measures, the college not only addresses the immediate concern of e-waste from computer labs but also fosters a sustainable mindset among its students. The collaboration with scrap dealers ensures that the disposal process adheres to environmentally conscious practices. This holistic approach to e-waste management reflects the institution's commitment to environmental stewardship.

Overall, the college's strategy involves both practical measures, such as contracts with scrap dealers, and educational initiatives to create a comprehensive e-waste management system that aligns with environmental sustainability goals.

### **RECYCLING SYSTEM**

The college prioritizes a robust recycling system, placing a strong emphasis on repurposing paper waste. In an innovative initiative, students actively engage in crafting paper bags utilizing discarded notebooks, subsequently distributing them to local stores in thirurkad . This endeavor not only contributes to waste reduction but also promotes sustainable practices within the community.

A noteworthy facet of this recycling system involves instructing stakeholders to adopt eco-friendly alternatives. Students, demonstrating their commitment to environmental responsibility, fashion paper pens that are encouraged for use by those involved. This approach aligns with the college's dedication to fostering a culture of sustainability and waste consciousness.

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By integrating such practices into daily routines, the college not only minimizes its ecological footprint but also cultivates a sense of environmental awareness among its students and the broader community. This recycling system stands as a testament to the institution's proactive stance in promoting eco-conscious behaviors and establishing a tangible impact on the local environment.

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